JMYT-343US PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

To Be Assigned

Applicants:

Allin Sidney Pratt et al.

Filed:

Herewith

Title:

REACTIVE MILLING PROCESS FOR THE MANUFACTURE OF A

HYDROGEN STORAGE ALLOY

TC/A.U.:

Examiner:

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of the reference(s) listed on the 1449 form, other than U.S. patents, is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

DT05 Rec'd PCT/PT0 1 6 FEB 2005

JMYT-343US

PATENT

This Information Disclosure Statement is being filed concurrently with the abovereferenced application.

Respectfully submitted,

Christopher R. Lewis, Reg. No. 36,201

Attorney for Applicants

CRL/Irb

Enclosures: PTO Form 1449

Copy of five (5) references

Dated: February 16, 2005

P.O. Box 980 Valley Forge, PA 19482-0980 (610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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February 16, 2005

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen Libby

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Substitute for Form 1449A/PTO	Complete if Known		
	Application Number	To Be Assigned	
INFORMATION DISCLOSURE	Filing Date	Herewith	
STATEMENT BY APPLICANT	First Named Inventor	Allin Sidney Pratt	
(Use as many sheets as necessary)	Art Unit		
	Examiner Name		
SHEET 1 of 2	Attorney Docket No.		

	U.S. PATENT DOCUMENTS				
Examiner		Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Initials*		No. ¹ Number - Kind Code ^{2 (if known)}		Applicant of Cited Document	
	1	US-6,165,643	12-26-2000	Doyle et al.	
	2	US-4,798,718	01-17-1989	Bogdanovic	
		US-			
		US-	<u> </u>		
		US-	<u> </u>		
	1			1	

Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ^{5 (If known)}	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
	3	WO-96/23906	08-08-1996	Hydro-Quebec		
				<u> </u>		
	<u> </u>				<u> </u>	
Examiner Signature			-	Date Considered		

FOREIGN PATENT DOCUMENTS

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).
²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for Form 1449B/PTO		Complete if Known	
	Application Number	To Be Assigned	
INFORMATION DISCLOSURE	Filing Date	Herewith	
STATEMENT BY APPLICANT (Use as many sheets as necessary)	First Named Inventor	Allin Sidney Pratt	
	Art Unit		
	Examiner Name		
SHEET 2 of 2	Attorney Docket No.		

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	4	F. von Zeppelin et al., "Hydrogen desorption kinetics of nanostructured MgH₂ composite materials," Journal of Alloys and Compounds, Volumes 330-332, 17 January 2002, pp. 723-726.	
	5	A. Zaluska et al., "Nanocrystalline magnesium for hydrogen storage," <i>Journal of Alloys and Compounds</i> , Volume 288, Issues 1-2, 29 June 1999, pp. 217-225.	
	6	S. Orimo et al., "Notable Hybriding Properties of a Nanostructured Composite Material of the Mg₂Ni-H System Synthesized by Reactive Mechanical Grinding," Acta Mater., Vol. 45, No. 1, 1997, pp. 331-341.	
	7	L Zaluska et al., "Hydrogen absorption in nanocrystalline Mg₂Ni formed by mechanical alloying," Journal of Alloys and Compounds, Volume 217, Issue 2, 1 February 1995, pp. 245-249.	
Examiner	\overline{T}	Date	

Examiner	Date	
Signature	Considered	

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The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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